

IN THE CLAIMS:

1. (Currently Amended) A method for providing device management in a logical volume management system, comprising:
 - receiving device information from a device driver for a device; [[and]]
 - transforming the device into a logical disk based on the device information from the device driver, wherein the device is transformed into the logical disk prior to creating any logical partitions for the device; and
 - modifying the logical volume management system to create the logical partitions for the device from the logical disk.
2. (Original) The method of claim 1, wherein the device is transformed into the logical disk by a device manager plug-in module.
3. (Original) The method of claim 1, further comprising:
 - transforming the logical disk into a logical partition.
4. (Original) The method of claim 3, wherein the logical disk is transformed into the logical partition by a partition manager plug-in module.
5. (Original) The method of claim 3, further comprising:
 - constructing a volume group from the logical partition.
6. (Original) The method of claim 5, wherein the volume group is constructed by a volume group emulator plug-in module.
7. (Original) The method of claim 3, further comprising:
 - creating a logical volume from the logical partition.
8. (Original) The method of claim 7, wherein the logical volume is created by a feature plug-in module.

9. (Original) The method of claim 7, further comprising:
exporting the logical volume.
10. (Currently Amended) An apparatus for providing device management in a logical volume management system, comprising:
receipt means for receiving device information from a device driver for a device;
[[and]]

logical disk means for transforming the device into a logical disk based on the device information from the device driver, wherein the device is transformed into the logical disk prior to creating any logical partitions for the device; and

logical volume management system means for modifying the logical volume management system to create the logical partitions for the device from the logical disk.
11. (Original) The apparatus of claim 10, wherein the logical disk means comprises a device manager plug-in module.
12. (Original) The apparatus of claim 10, further comprising:
logical partition means for transforming the logical disk into a logical partition.
13. (Original) The apparatus of claim 12, wherein the logical partition means comprises a partition manager plug-in module.
14. (Original) The apparatus of claim 12, further comprising:
volume group means for constructing a volume group from the logical partition.
15. (Original) The apparatus of claim 14, wherein the volume group means comprises a volume group emulator plug-in module.
16. (Original) The apparatus of claim 12, further comprising:
logical volume means for creating a logical volume from the logical partition.

17. (Original) The apparatus of claim 16, wherein the logical volume means comprises a feature plug-in module.
18. (Original) The apparatus of claim 16, further comprising:
export means for exporting the logical volume.
19. (Currently Amended) A computer program product, in a computer readable medium, for providing device management in a logical volume management system, comprising:
instructions for receiving device information from a device driver for a device;
[[and]]
instructions for transforming the device into a logical disk based on the device information from the device driver, wherein the device is transformed into the logical disk prior to creating any logical partitions for the device; and
instructions for modifying the logical volume management system to create the logical partitions for the device from the logical disk.
20. (Original) The computer program product of claim 19, wherein the instructions for transforming the device into a logical disk comprise a device manager plug-in module.